

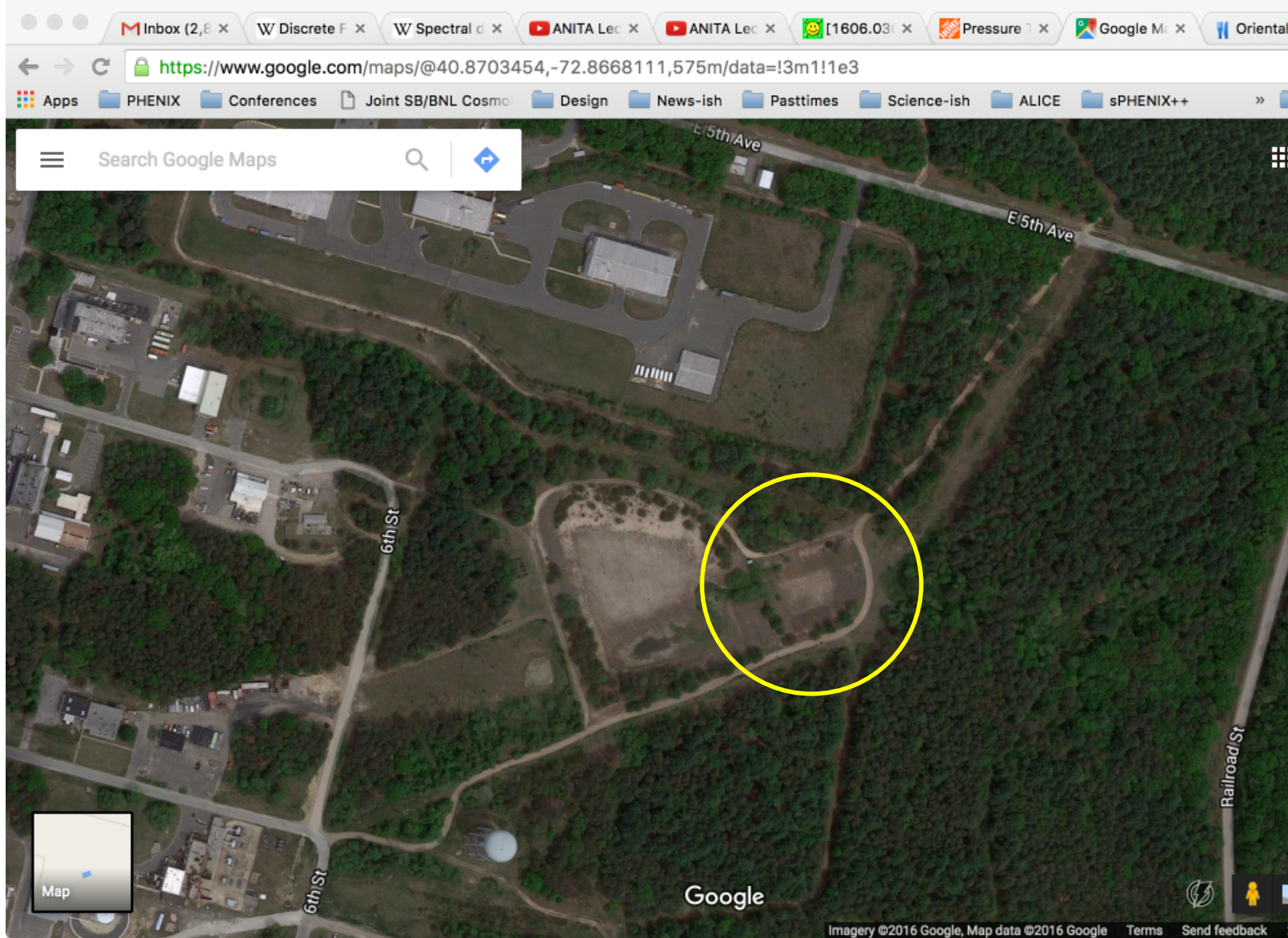
BMX demonstrator: field site and dish construction update

Paul Stankus

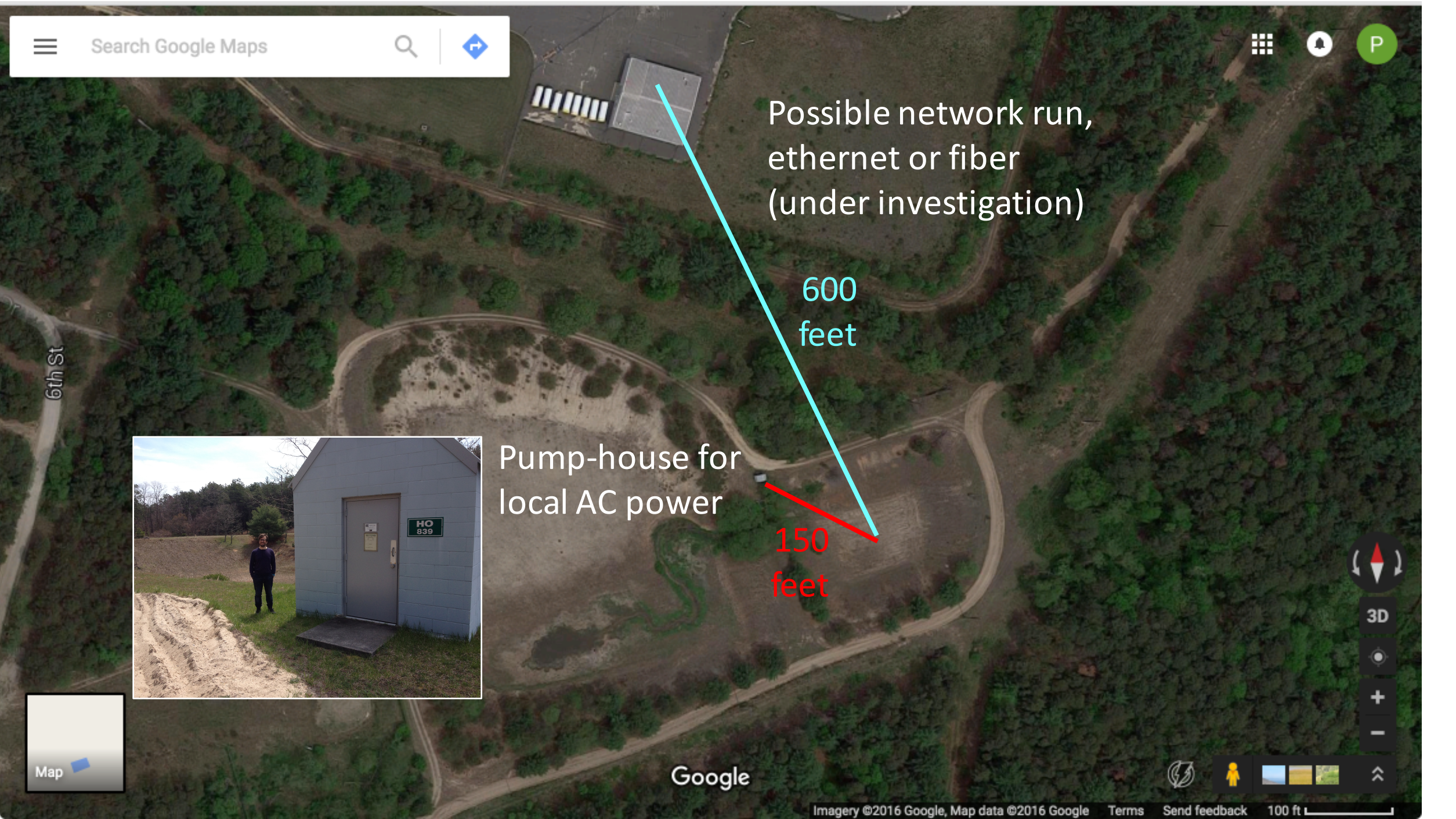
ORNL

30 June 2016

Welcome to the basin



First RFI scan in-situ



Search Google Maps



6th St

Possible network run,
ethernet or fiber
(under investigation)

600
feet



Pump-house for
local AC power

150
feet



3D

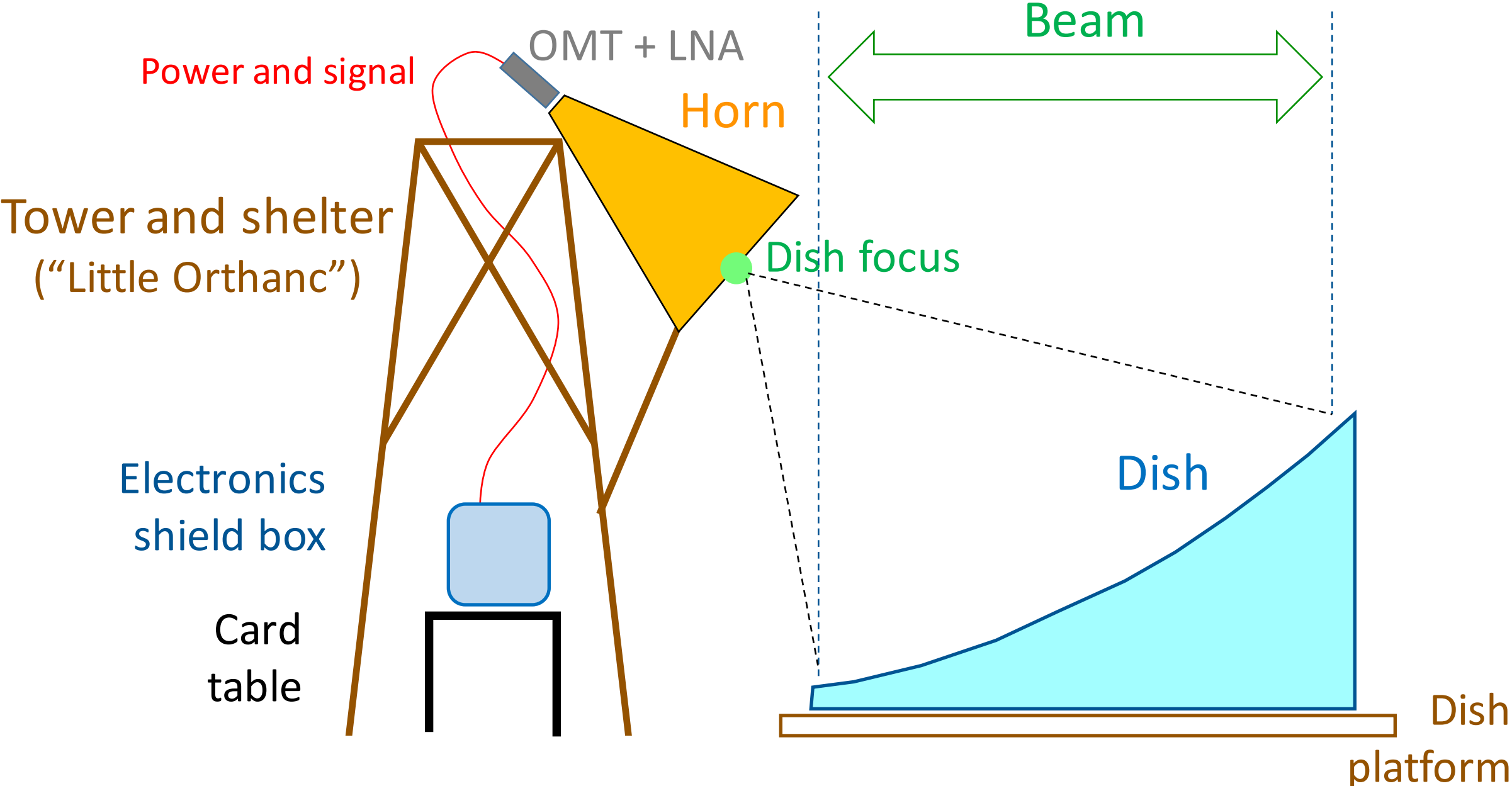


Map

Google



Initial single-dish setup:



Commodity hardware



\$17.47 / each

WeatherShield 5/4 in. x 6 in. x 16 ft. Premium Ground Contact Pressure-Treated Lumber

Model # 1250616PR

~~NOT YET RATED~~

• In Store Only

• Pick Up In Store TODAY
Free

Not anticipating any major hurdles in building tower and horn support

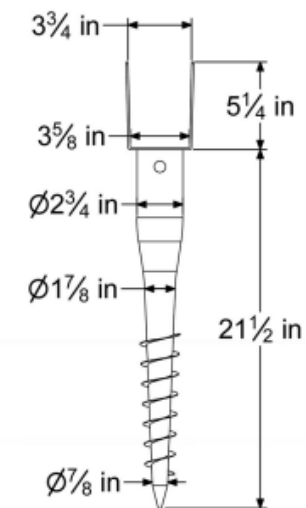
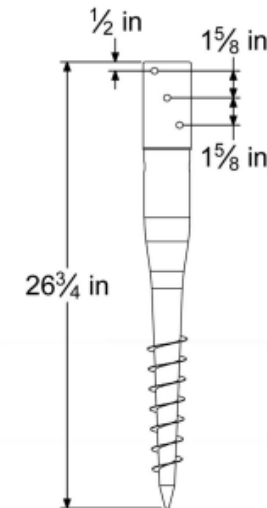
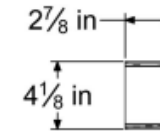
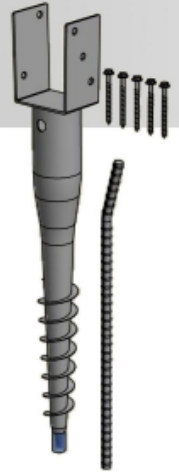
May need safety review, depends on horn weight

Easier if no “working at heights”, all personal fiddling at ground level

Carpenters grievance?

No-Dig Ground Anchor

Colour: Silver
Dimensions: 4.125in L x 2.875in W x 26.75in H
Part Weight: 5.8lbs
Material: Galvanized steel
Contents: Ground anchor, rebar, 5 lag bolts

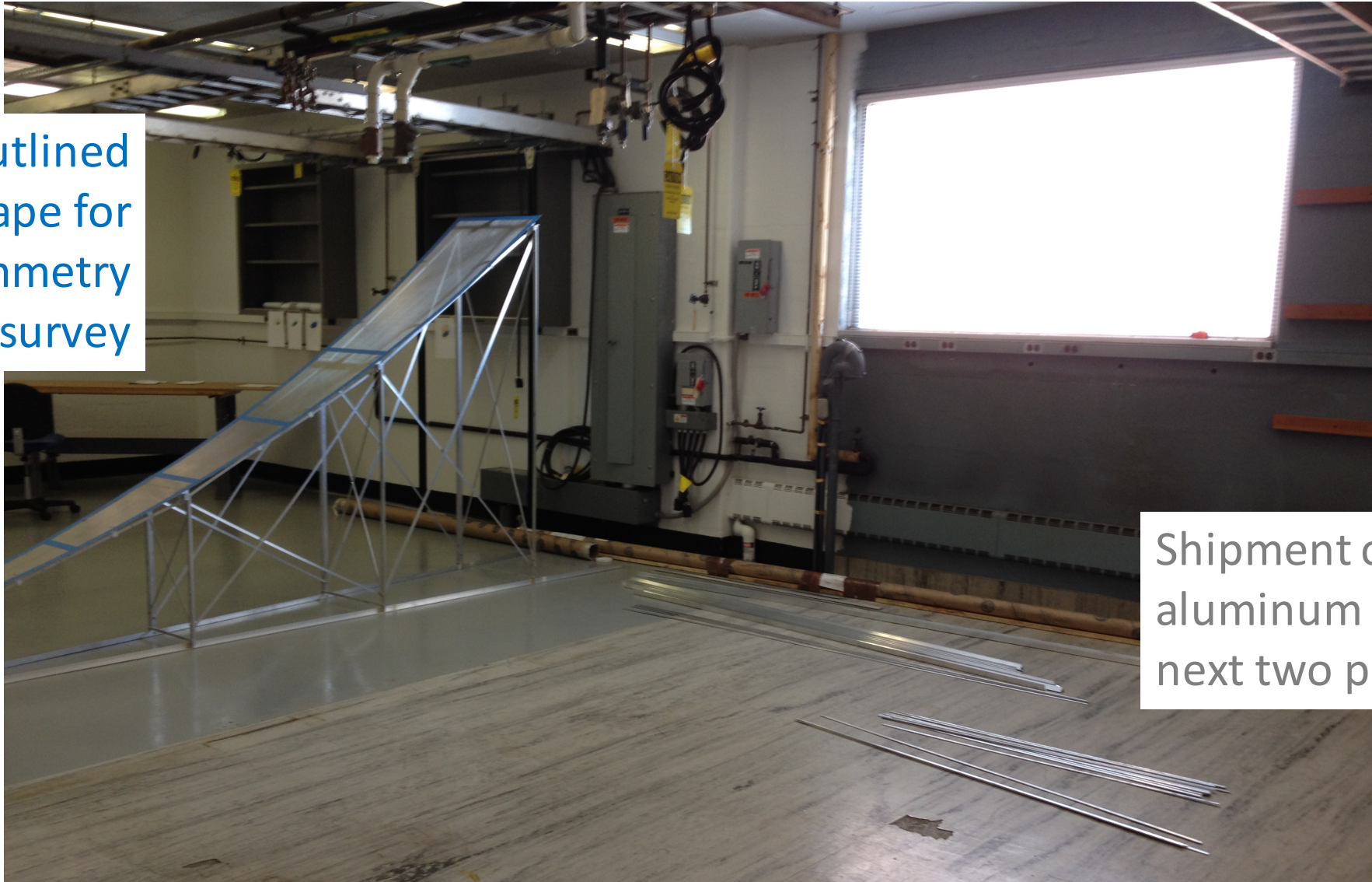


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MAYNE
Outdoor Products of Distinction

Meanwhile at the North Lab workshop

First petal outlined
with blue tape for
photogrammetry
survey



Shipment of
aluminum stock for
next two petals